

FIG. 1

Magnitude

Good

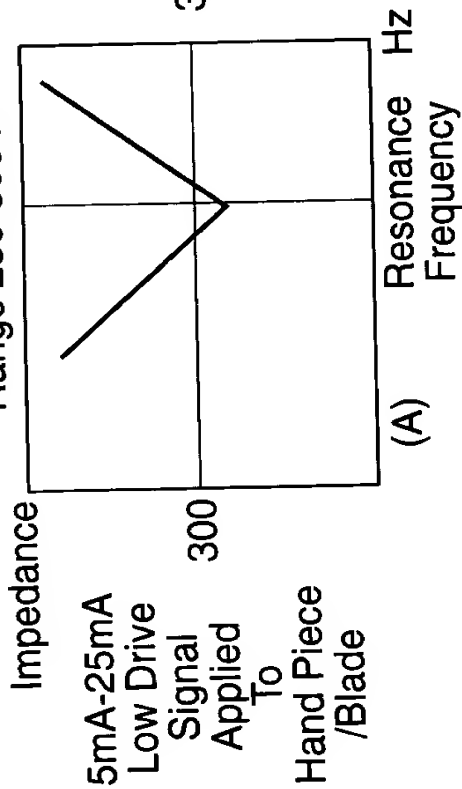
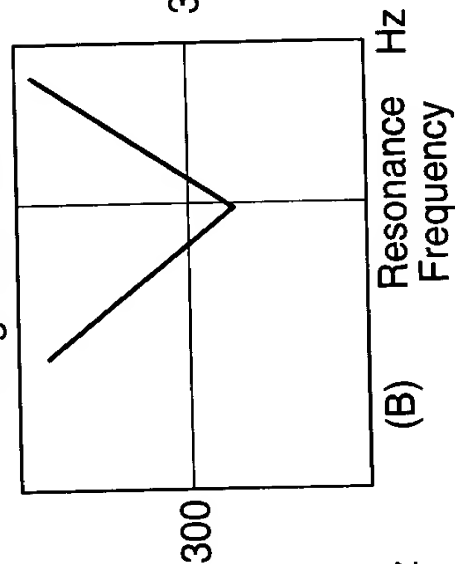
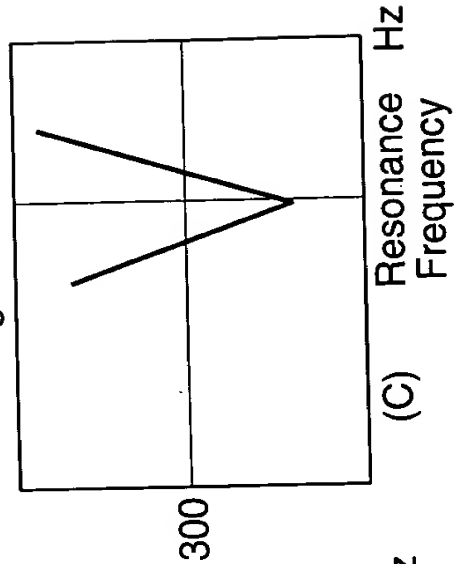
Gunked

Cracked

Range 40-100 Ω

Range 100-750 Ω

Range 250-500 Ω



Range 25-40 Ω

Range 30-45 Ω

Range 700-800 Ω

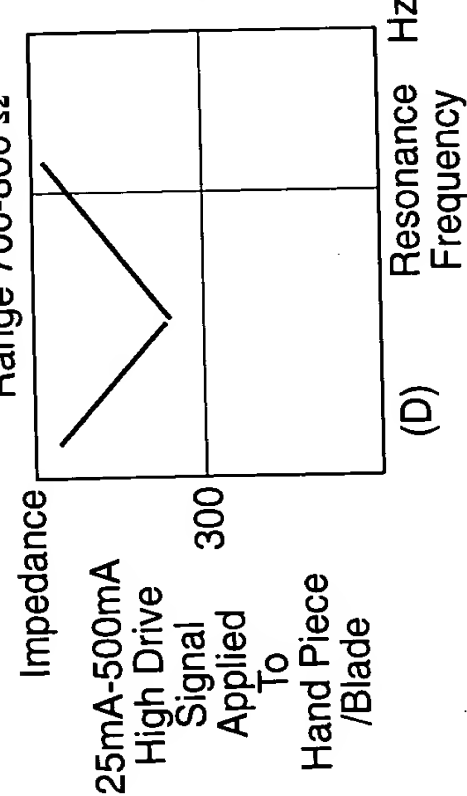
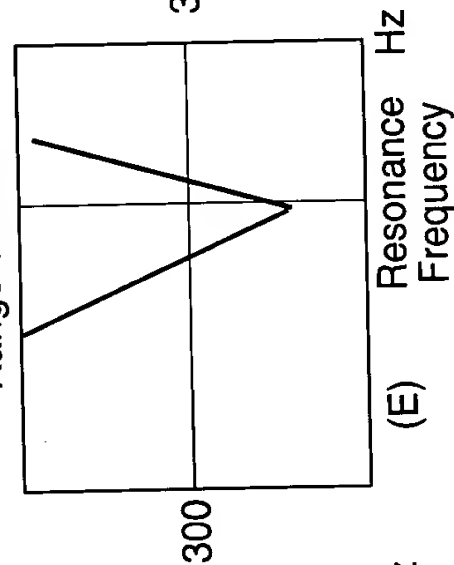
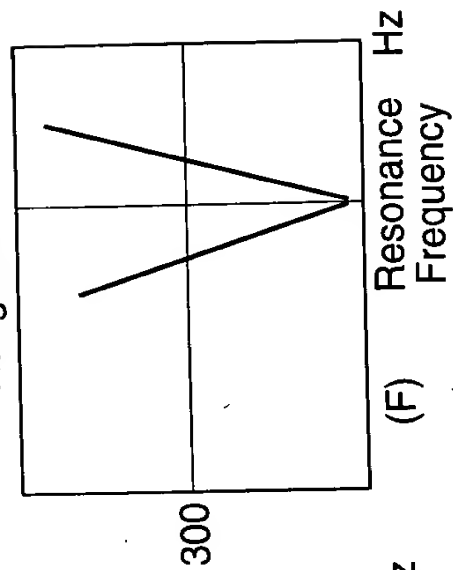
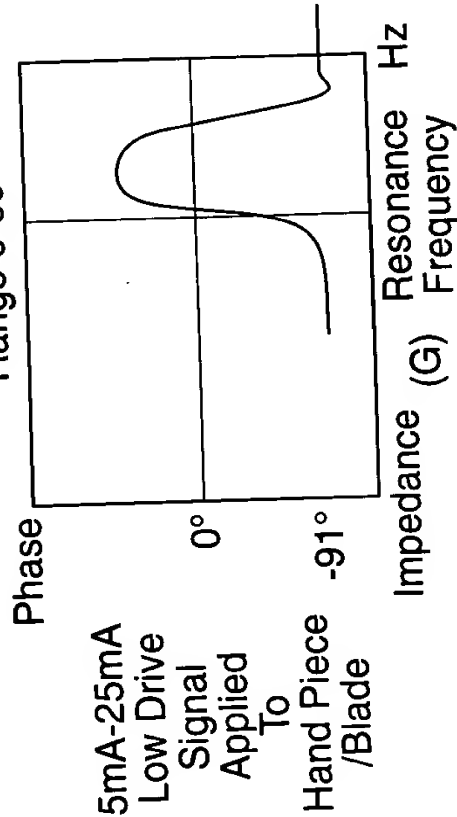


FIG. 2

Phase

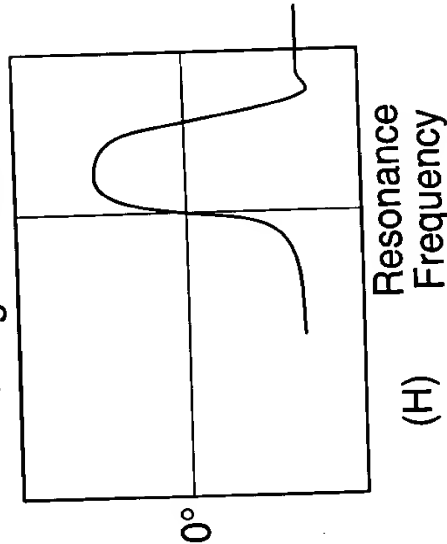
Cracked

Range 0-60°



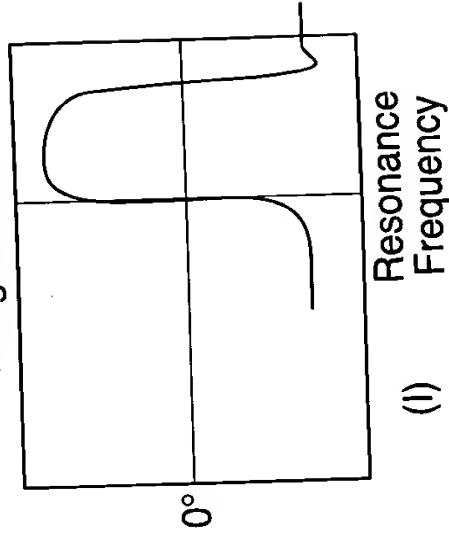
Gunked

Range -45-60°

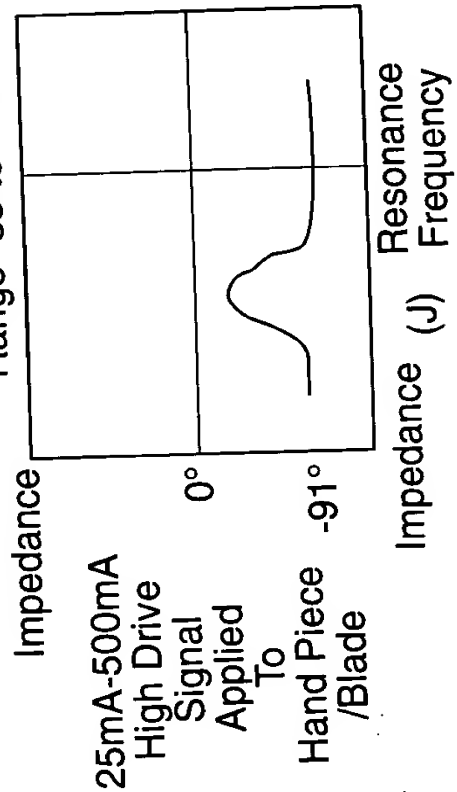


Good

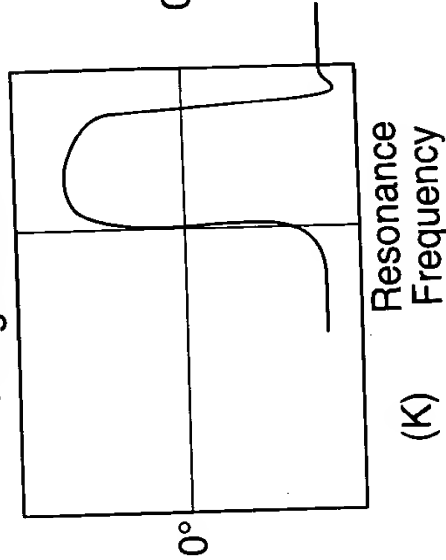
Range 80-90°



Range -85 to -45°



Range 60-90°



Range 90°

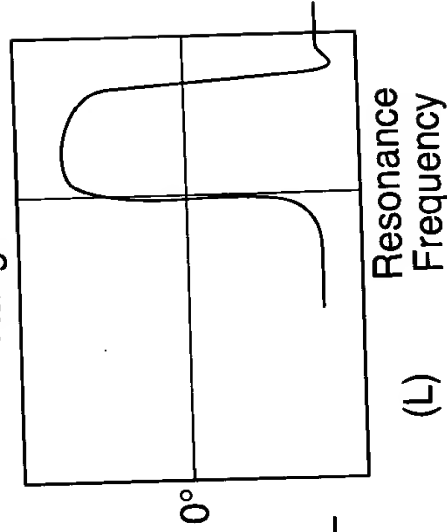
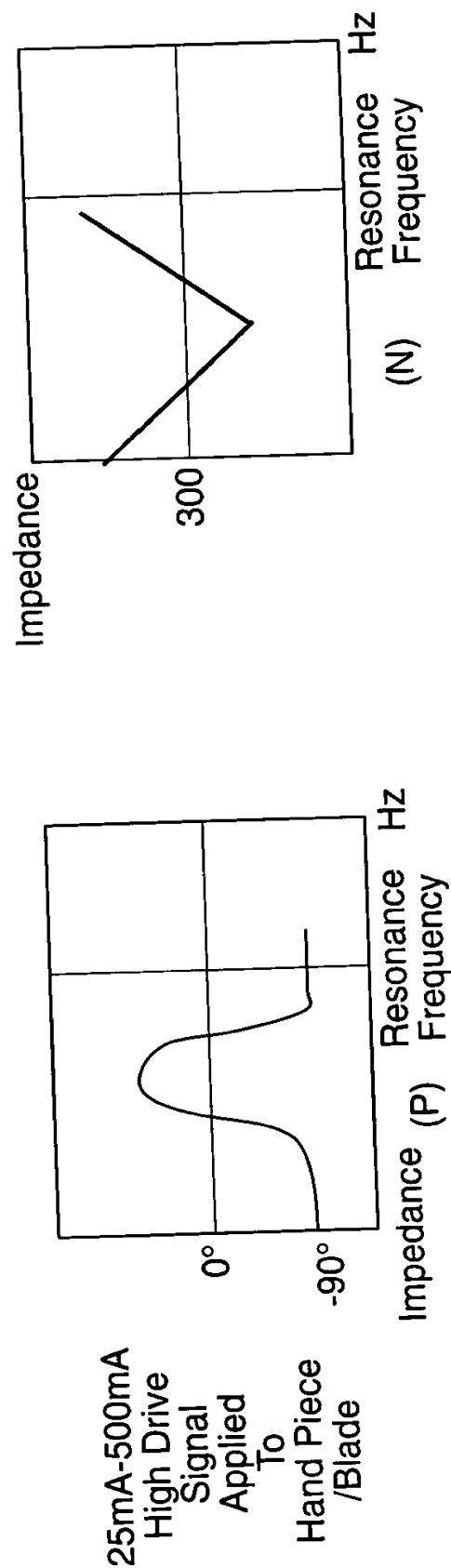
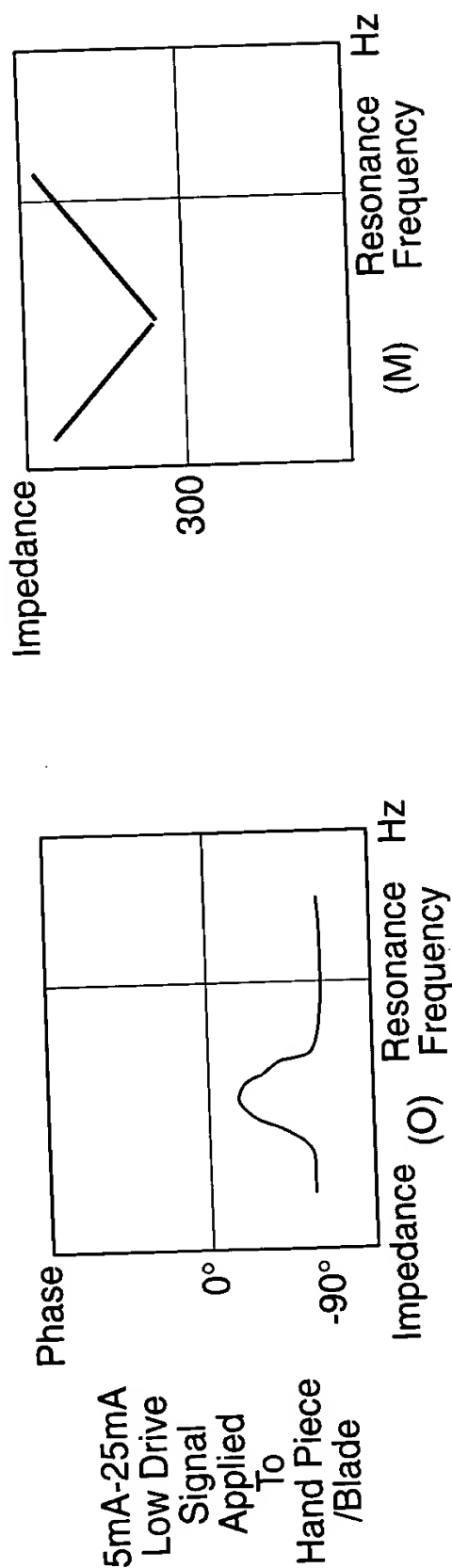


FIG. 3

**Highly Cracked or
Completely
Broken Off Blade**



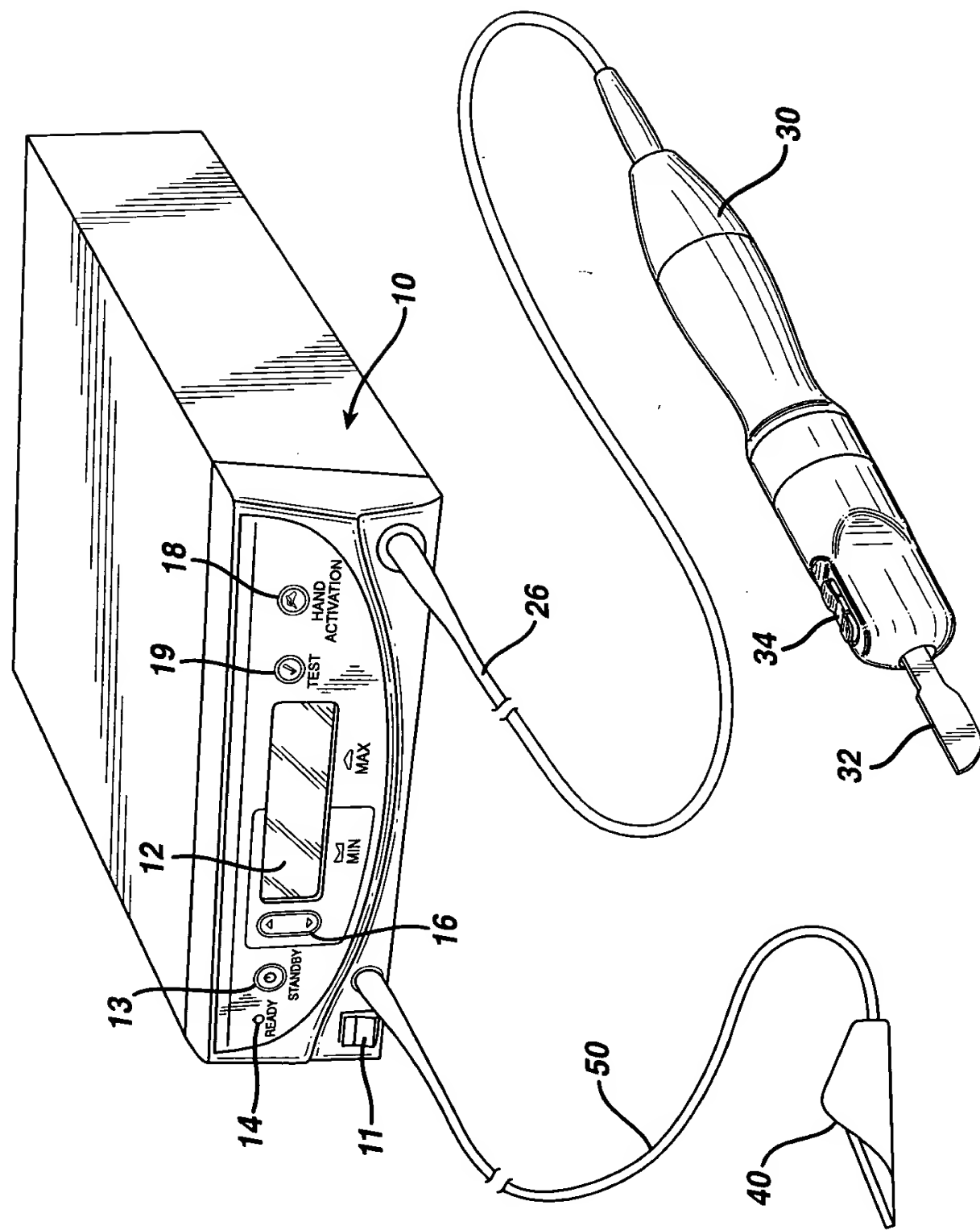


FIG. 4

FIG. 5

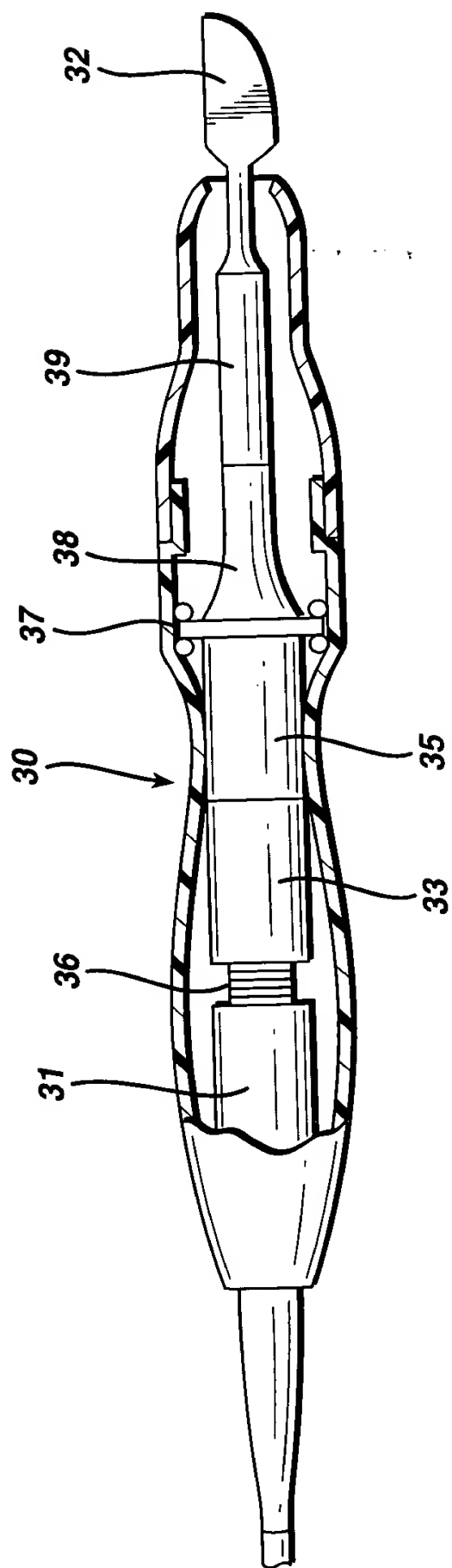


FIG. 6a

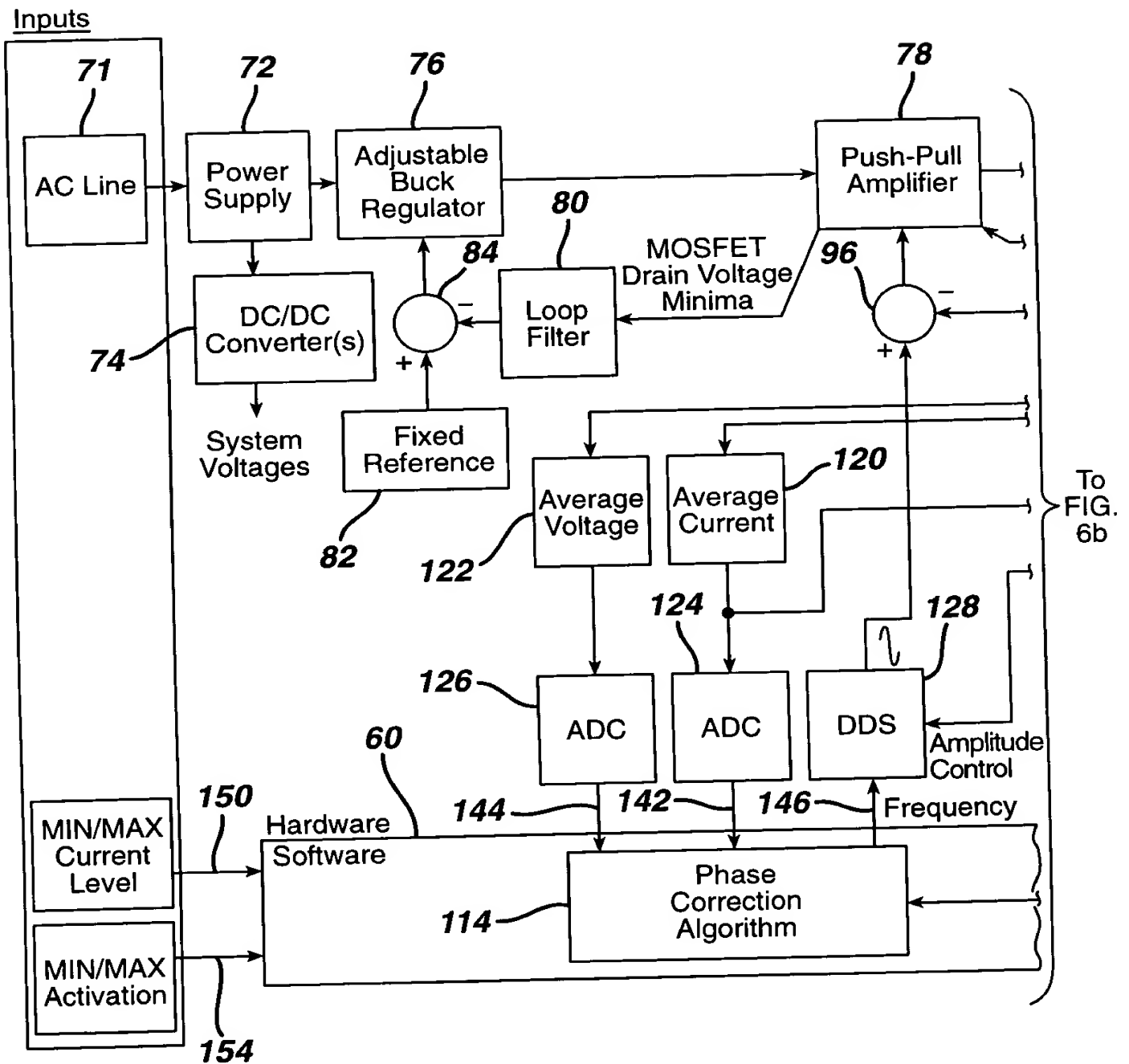


FIG. 6b

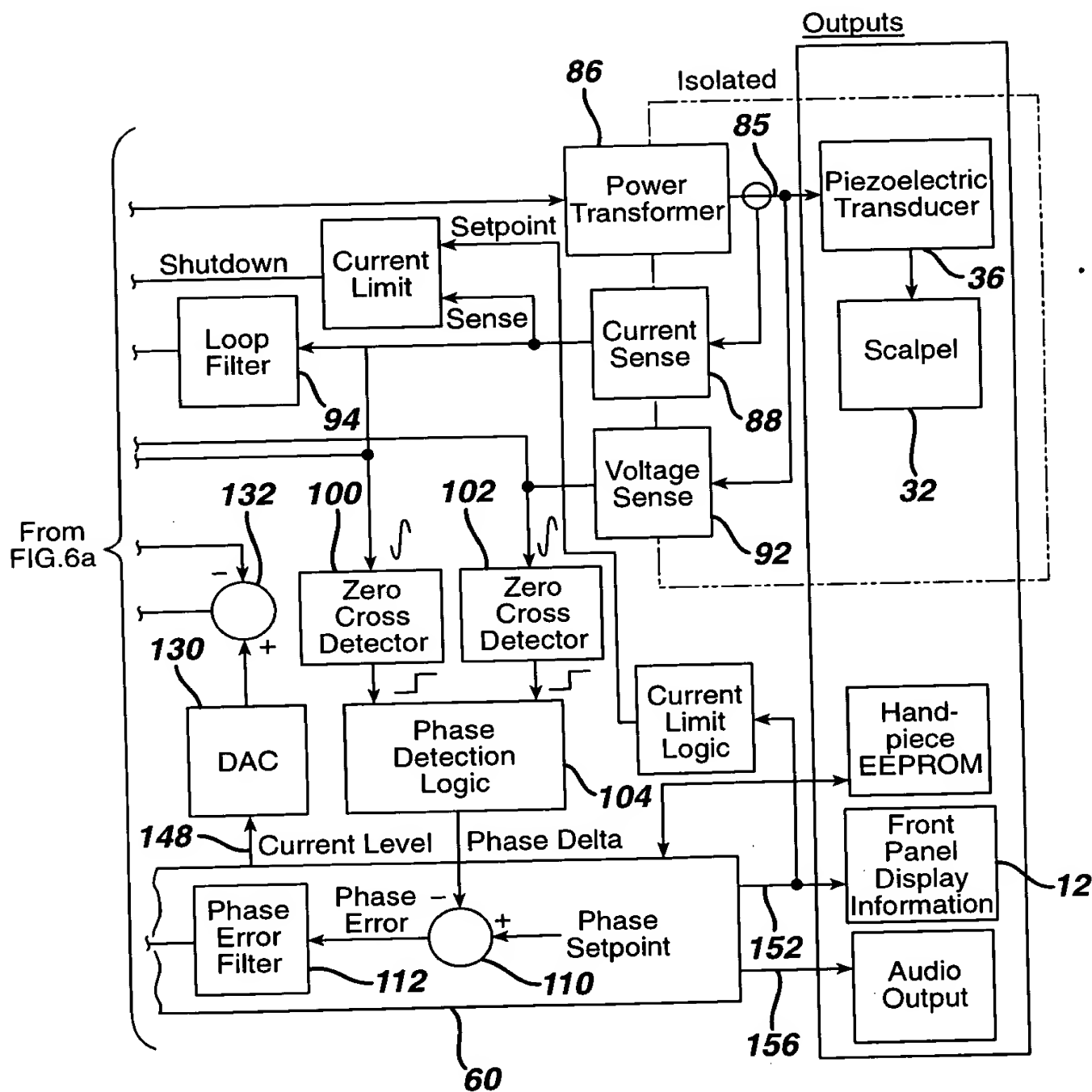


FIG. 7(a)

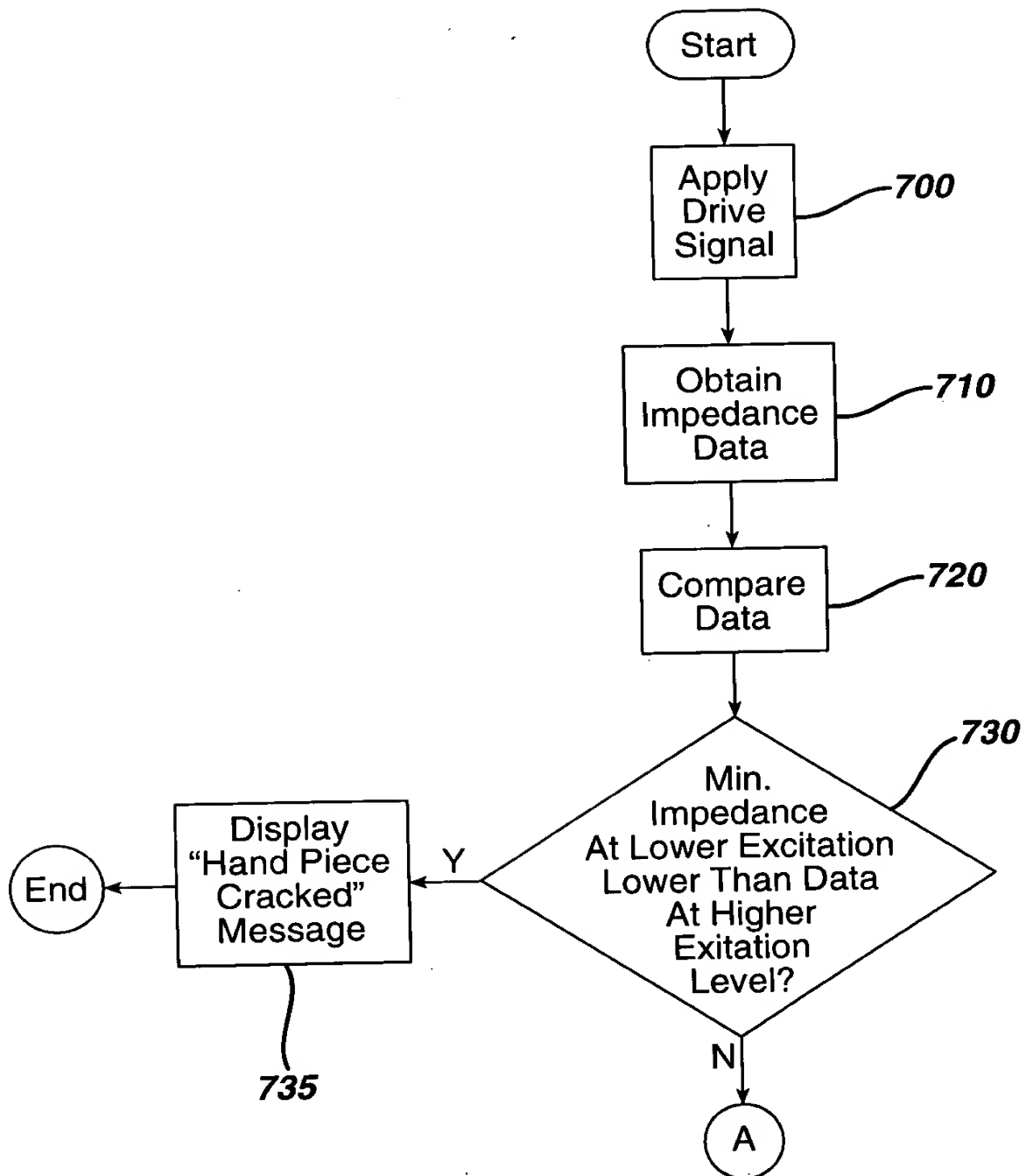


FIG. 7(b)

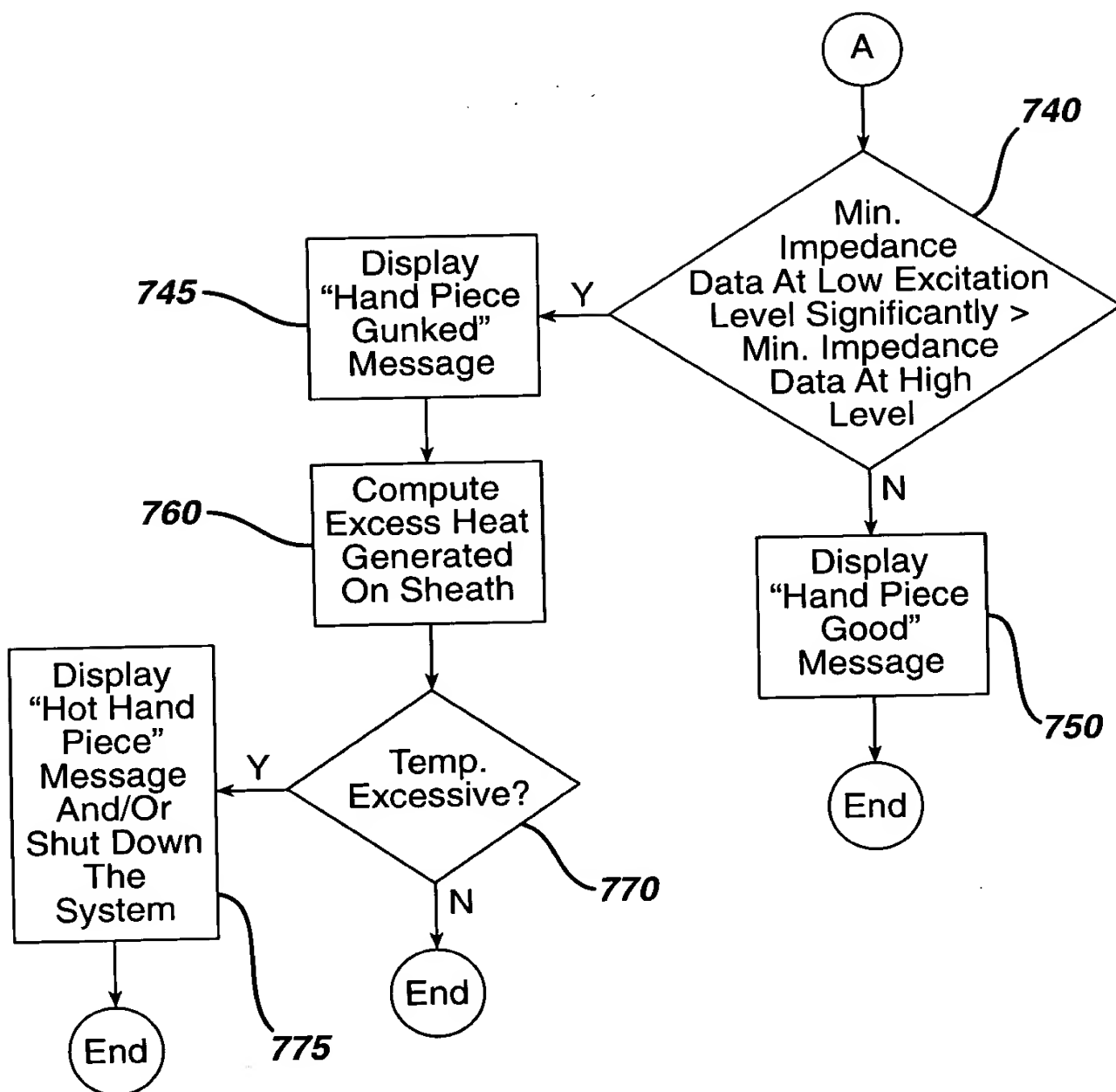


FIG. 8(a)

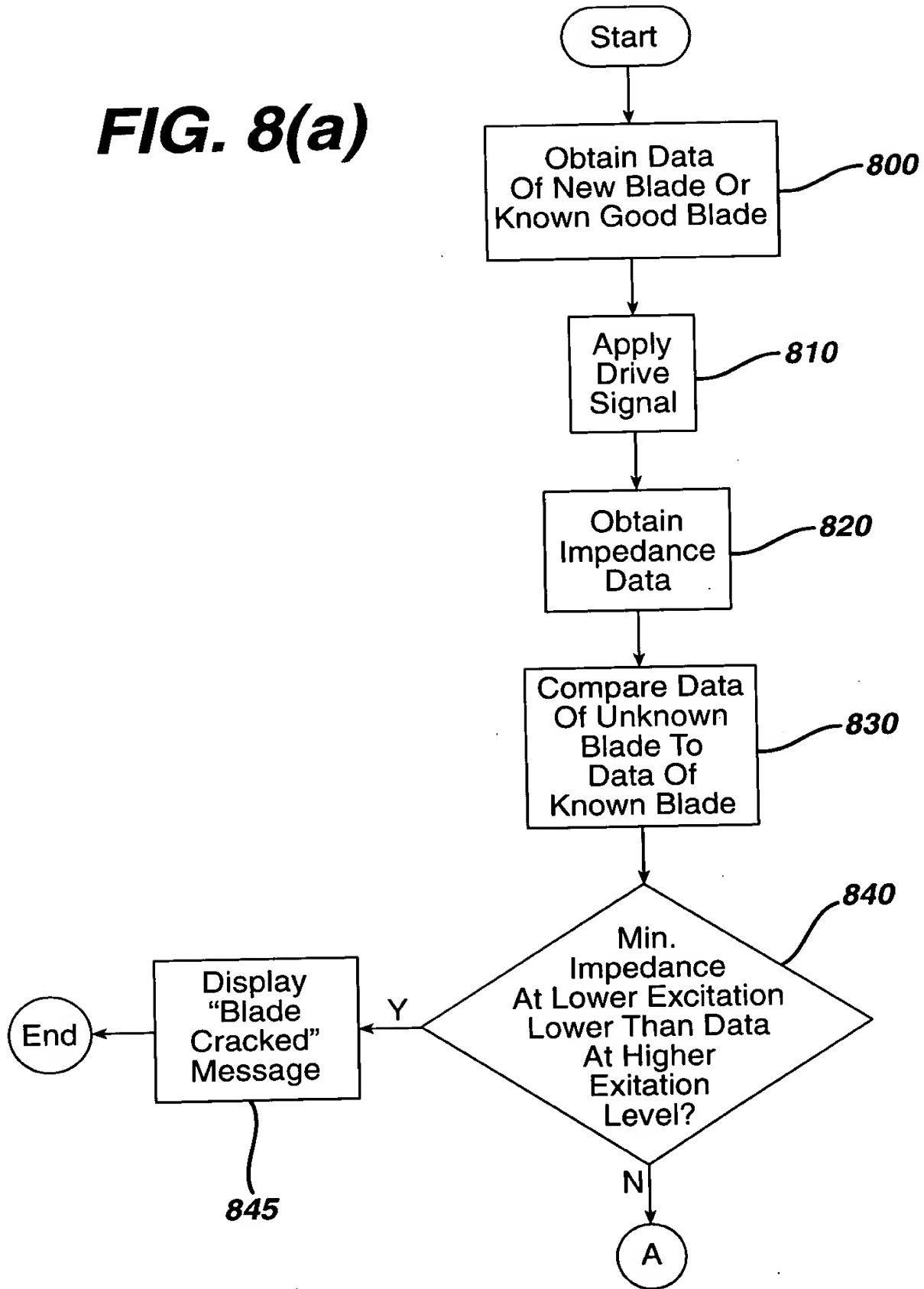
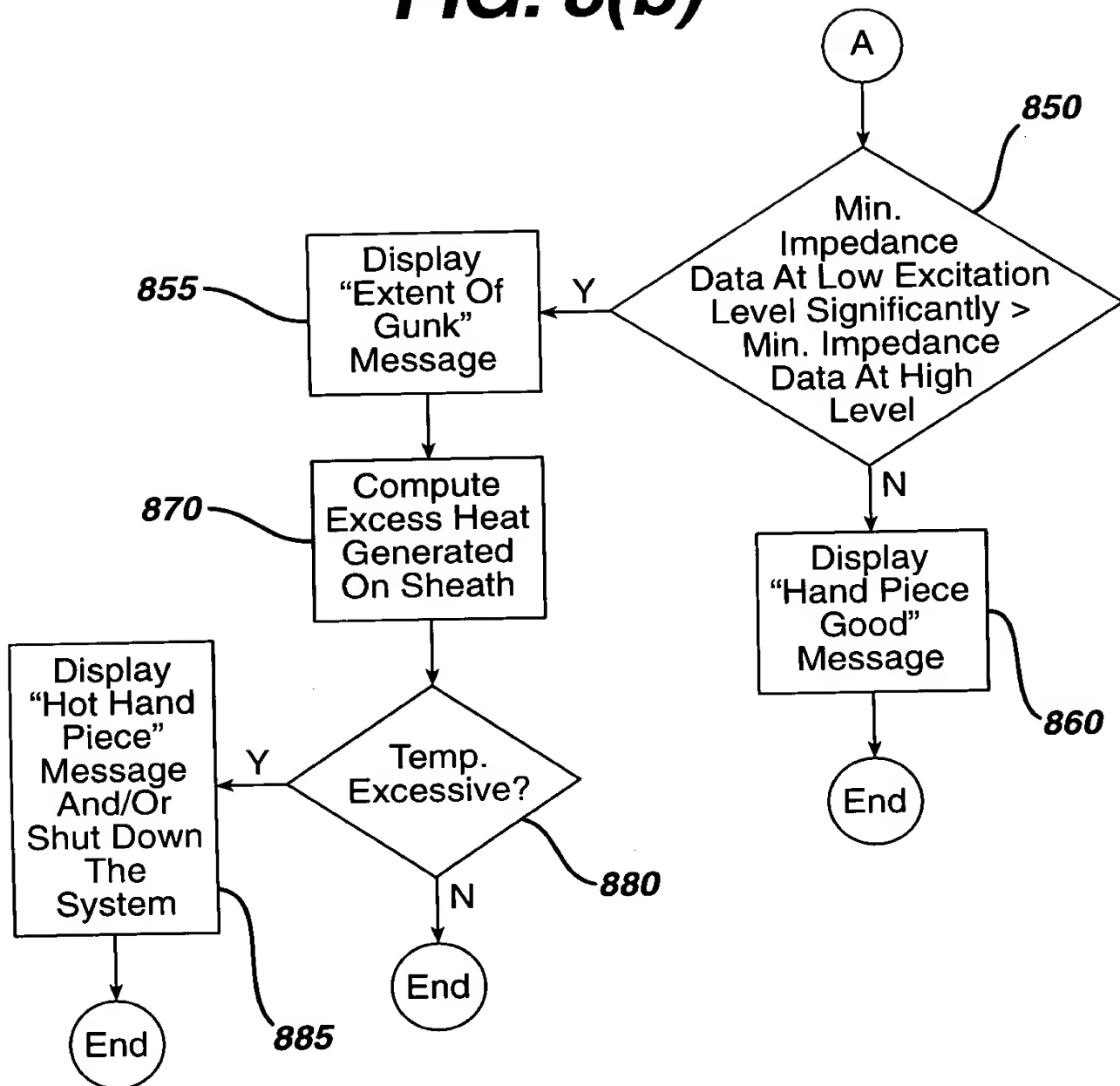


FIG. 8(b)



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FIG. 9

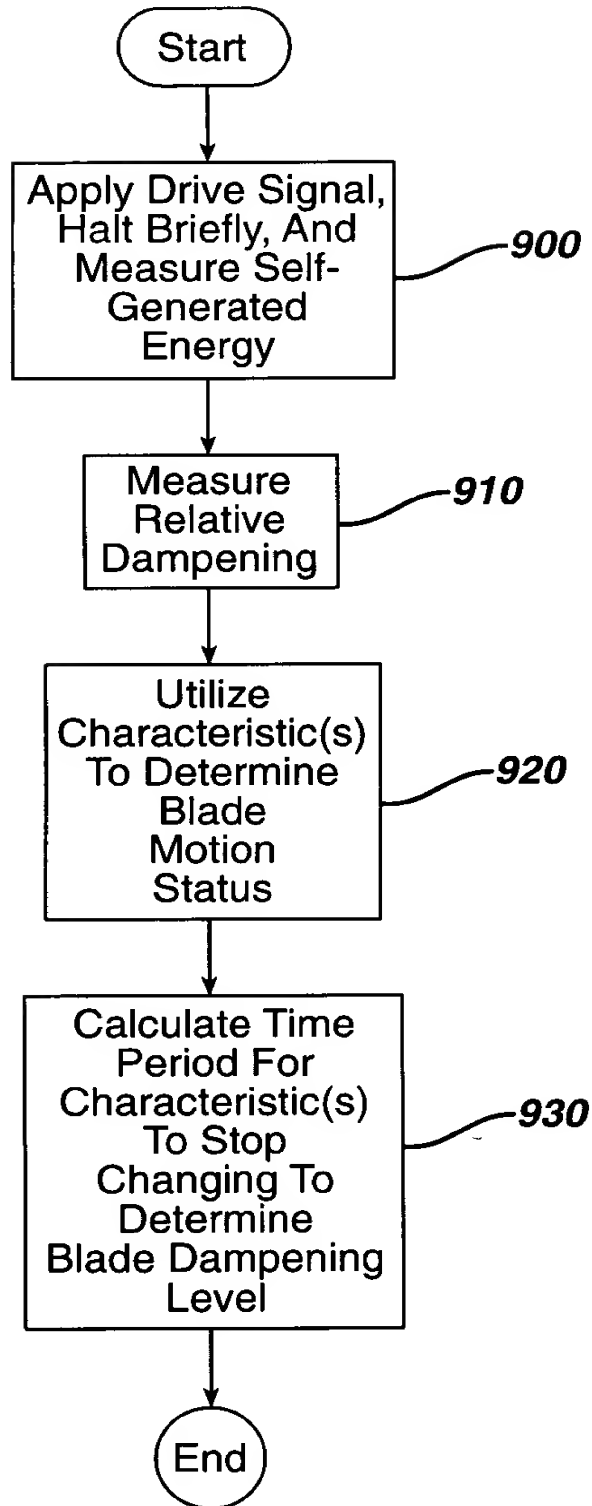


FIG. 10

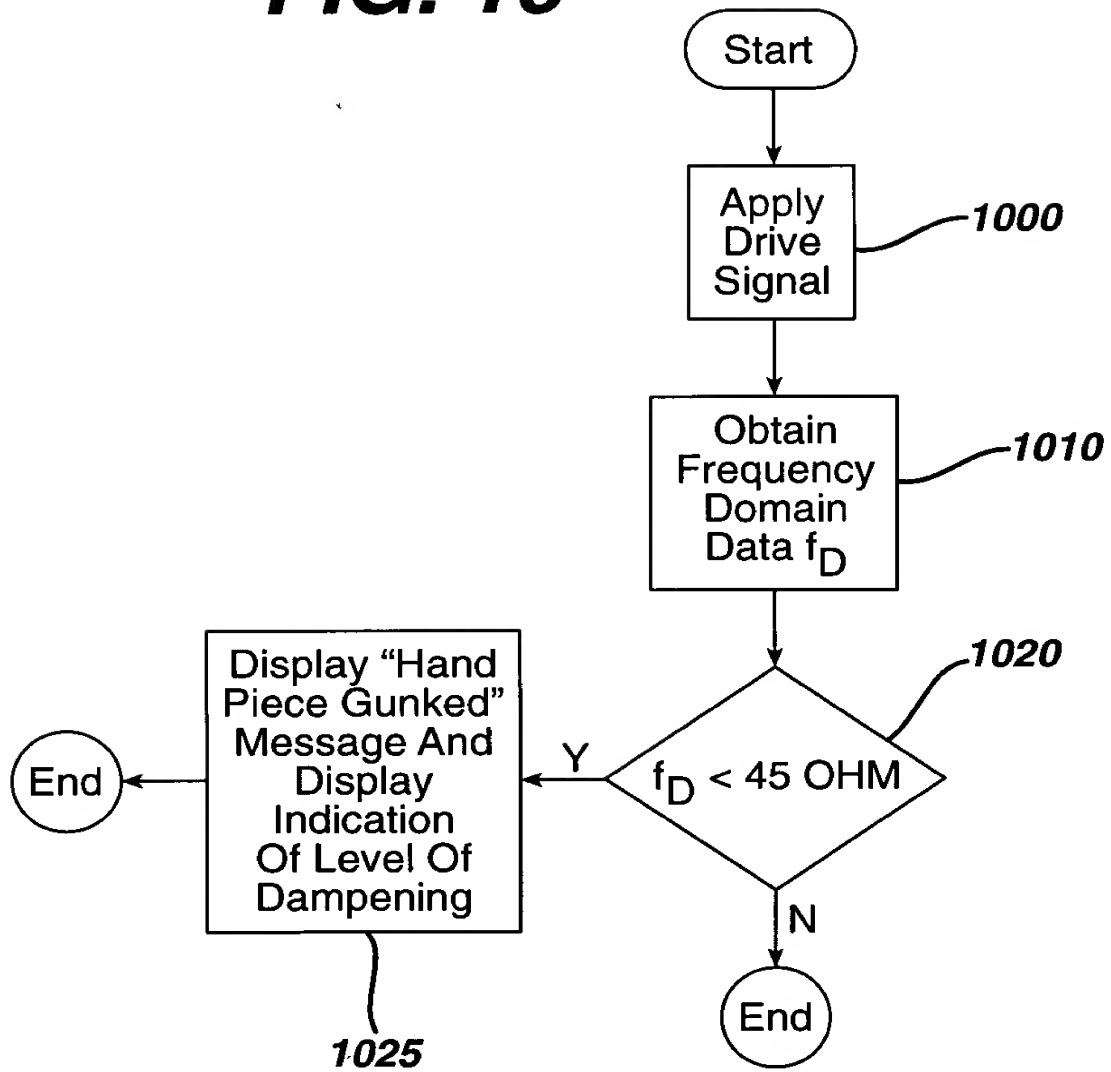
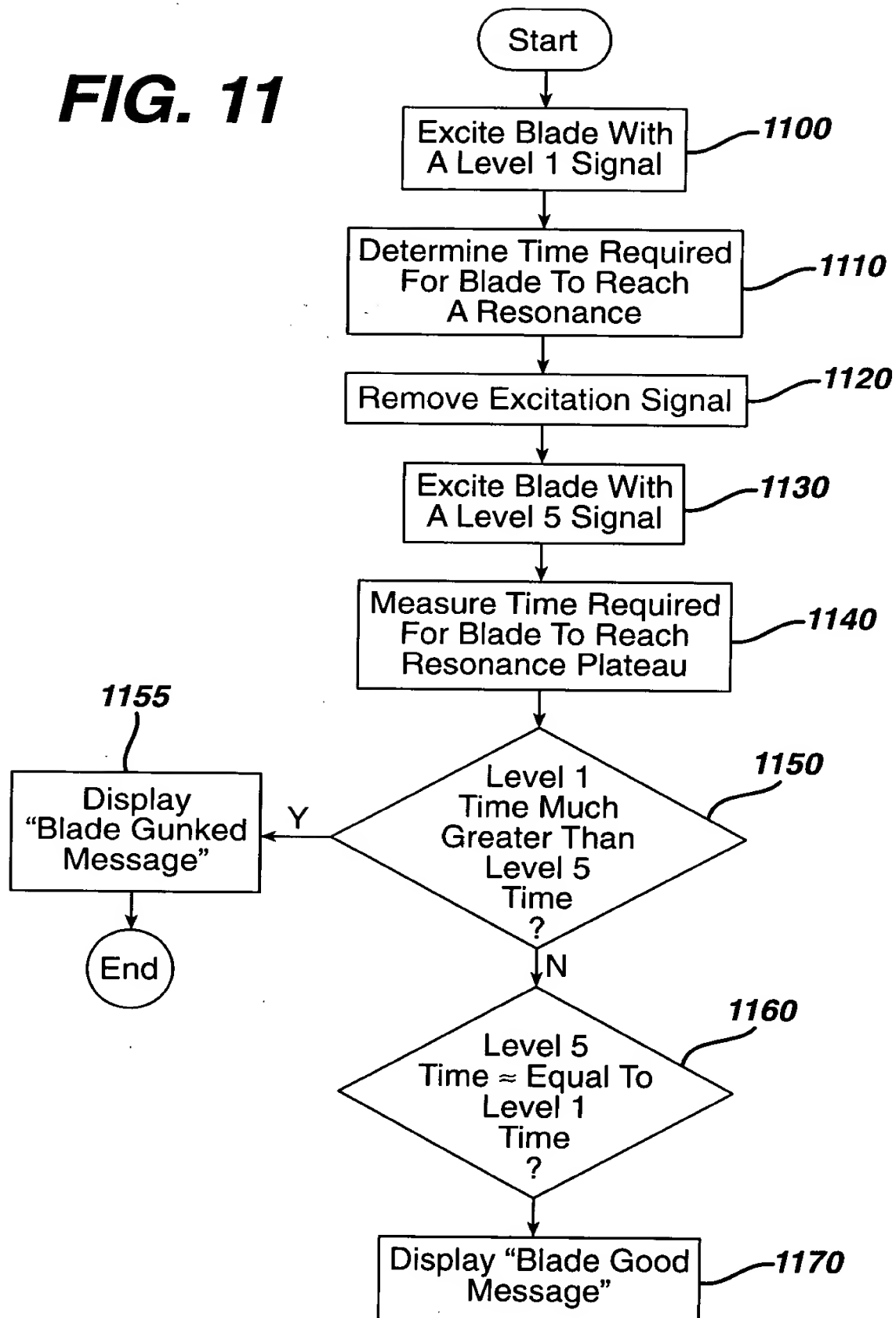


FIG. 11



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